

For:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of: Szu et al.

Art Unit: 1645

Application No. 09/744,289

Filed: August 1, 2001

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on November il ious as First Class Mail in an envelope addressed to:

VACCINES AGAINST ESCHERICHIA COLI 0157 INFECTION

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Susan Alpert Siegel, Ph.D. Agent for Applicants

POWER OF ATTORNEY BY ASSIGNEE

COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES is the Assignee of the entire right, title and interest in the above-identified patent application, as evidenced by the Assignments

attached hereto.

recorded in the U.S. Patent and Trademark Office at Reel 12042, Frames 344-347, and at Reel 12042, Frames 348-351.

The Assignee hereby revokes any prior powers of attorney for this matter, and appoints as its representatives to conduct all business in the Patent and Trademark Office connected therewith the attorneys and agents associated with Customer Number 05318:

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The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for patent matters under the authority of the memorandum dated May 21, 1991, from Louis W. Sullivan, the Secretary of the Department of Health and Human Services, delegating the authority to the Heads of the Public Health Service Operating Divisions, as well as a memorandum dated October 9, 2001, from Mark L. Rohrbaugh, Ph.D., J.D., Acting Director, Office of Technology Transfer, National Institutes of Health, delegating authority to sign this Power of Attorney to the undersigned individual. The undersigned is therefore authorized to exercise such authority in this matter.

Executed on Aug. 21, 2003, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH AND HUMAN SERVICES

Name: MILLEL A. SHMILOVICH

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